

To Identify the type of chemical reaction involved:

Follow this series of questions. When you can answer "yes" to a question, then stop!

- 1) Does your reaction have oxygen as one of its reactants and carbon dioxide and water as products? If yes, then it's a combustion reaction
- 2) Does your reaction have two (or more) chemicals combining to form one chemical? If yes, then it's a synthesis reaction
- 3) Does your reaction have one large molecule falling apart to make several small ones? If yes, then it's a decomposition reaction
- 4) Does your reaction have any molecules that contain only one element? If yes, then it's a single displacement reaction
- 5) If you haven't answered "yes" to any of the questions above, then you've got a double displacement reaction

Types of Reactions Worksheet

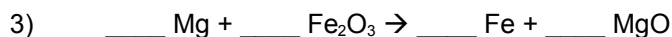
Balance the following equations and indicate the type of reaction taking place:



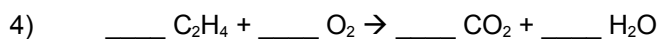
Type of reaction: $\underline{\hspace{4cm}}$



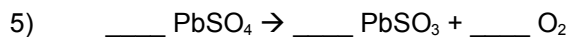
Type of reaction: $\underline{\hspace{4cm}}$



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Type of reaction: $\underline{\hspace{4cm}}$



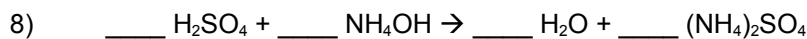
Type of reaction: $\underline{\hspace{4cm}}$



Type of reaction: $\underline{\hspace{4cm}}$



Type of reaction: $\underline{\hspace{4cm}}$



Type of reaction: $\underline{\hspace{4cm}}$

Identify the type of reaction involved in each of these chemical reactions:

Indicate the type of reaction taking place:

